

PATENT

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22. (Amended) The method of claim 21, wherein the hyperimmunizing step comprises administering the antigen to an airway of the farm-animal.

23. (Amended) The method of claim 22, wherein the hyperimmunizing step comprises administering the antigen intranasally to the farm-animal.

24. (Amended) The method of claim 21, wherein the mammary secretion product is milk.

*C1
cancel*
25. (Amended) The method of claim 21, wherein the antibody is an IgA antibody.

26. (Amended) The method of claim 21, further comprising boosting an immune response to the antigen in the farm-animal.

C8
28. (Amended) A method of making an antibody composition comprising an antibody specific for an antigen, the method comprising:
hyperimmunizing a farm-animal for the antigen via a mucosal passage of the farm-animal;
administering the antigen to a mammary gland and/or a supramammary lymph node of the farm-animal;
harvesting the mammary secretion product from the farm-animal; and
deriving the antibody composition from the harvested mammary secretion product.

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29. (Amended) A method of making an antigen-specific antibody, the method comprising:

hyperimmunizing a farm-animal for an antigen via a mucosal passage of the farm-animal;

administering the antigen to a mammary gland and/or a supramammary lymph node of the farm-animal;

harvesting a mammary secretion product from the farm-animal; and

deriving the antigen-specific antibody from the harvested mammary secretion product.

30. (Amended) A method of making a medicament comprising an antibody specific for an antigen, the method comprising:

hyperimmunizing a farm-animal for the antigen via a mucosal passage of the farm-animal;

administering the antigen to a mammary gland and/or a supramammary lymph node of the farm-animal;

harvesting the mammary secretion product from the farm-animal; and

incorporating the mammary secretion product into the medicament.

31. (Amended) A method of making a food product comprising an antibody specific for an antigen, the method comprising:

hyperimmunizing a farm-animal for the antigen via a mucosal passage of the farm-animal;

administering the antigen to a mammary gland and/or a supramammary lymph node of the farm-animal;

harvesting the mammary secretion product from the farm-animal; and

incorporating the mammary secretion product into the food product.

CJ
Conel